

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PC453GQ	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.	
International application No. PCT/IT 03/00535 ✓	International filing date (day/month/year) 08/09/2003 ✓	(Earliest) Priority Date (day/month/year) 27/03/2003 ✓
Applicant CULTRARO, Antonino ✓		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the International search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant. ✓

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant. ✓

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant. ✓

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

2 _____
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 03/00535

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E05C19/02 E05F3/14 E05F5/10 F16F9/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E05B E05C E05F F16F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 348 827 A (CALSONIC KANSEI CORP) 1 October 2003 (2003-10-01)	1-6
Y	column 3, line 38 - line 54	9
A	column 4, line 49 - column 6, line 22 figures 2,4-6	7,8, 10-13
X	US 4 893 522 A (ARAKAWA MASARU) 16 January 1990 (1990-01-16) cited in the application	1-5
A	column 3, line 29 - column 4, line 58 column 6, line 11 - line 63 figures 1,2,5	13
Y	US 5 460 252 A (KOSUGI AKIO ET AL) 24 October 1995 (1995-10-24)	9
A	column 3, line 10 - line 16; figure 2	12



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

11 February 2004

Date of mailing of the international search report

26/02/2004

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Mund, A

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 03/00535

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1348827	A	01-10-2003	JP	2003278813 A	02-10-2003
			EP	1348827 A1	01-10-2003
			US	2003183039 A1	02-10-2003
<hr/>					
US 4893522	A	16-01-1990	JP	1015548 A	19-01-1989
			JP	2544628 B2	16-10-1996
			DE	3821982 A1	19-01-1989
			ES	2009613 A6	01-10-1989
			FR	2621966 A1	21-04-1989
			IT	1223662 B	29-09-1990
			KR	9102335 B1	20-04-1991
<hr/>					
US 5460252	A	24-10-1995	JP	3304188 B2	22-07-2002
			JP	7233837 A	05-09-1995
			DE	19505135 A1	31-08-1995
			ES	2119618 A1	01-10-1998
			FR	2716510 A1	25-08-1995
			GB	2286869 A , B	30-08-1995
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